DATA AND SAFETY MONITORING BOARDS

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Purposes of Monitoring

A.

	1.	Partic	ipant Safety				
	2.	Study Integrity Public Health					
	3.						
B.	What?	Vhat? Who?					
	1. indep		eata and Safety Monitoring Board (DSMB) should be of the investigators and sponsor				
		a.	It should be appointed by?				
		b.	It should report to?				
		c.	Definition of "independent"				
		d.	Issue of conflict of interest				
	2.	Members should have expertise in relevant disciplines					
		a.	Scientific area				
		b.	Trial design/biostatistics				
		c.	? Ethics. ? Patient representative/advocate				

3.	Possible attendance by representatives of							
	a.	sponsor						
	b.	industry						
	c.	FDA						
	(depends on phase of study and what data are being pro							
How?								
1.	Monitoring should be done on							
	a.	Participant enrollment						
b. Protocol compliance								
	c.	Data quality						
	d.	Baseline variables (group balance, kinds of participants)						
	e.	Interim variables						
	f.	Response variables						
		i. Primary outcome						
		ii. Secondary outcomes						
		iii. Adverse events						

C.

D.

E.

F.

b.

c. Is there a realistic chance of detecting a significant or meaningful difference if the study were to continue to its scheduled end?

Has the intervention been shown to be harmful?

2.	Possible	Reasons	for	Exten	ding
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- a. Low power
 - i. inadequate numbers
 - ii. low event rate
- b. Strong (nonsignificant) trend
- c. To answer secondary questions
- 3. Change Protocol
 - a. Drop an arm
 - b. Drop participant subset
 - c. Change entry criteria
- 4. Proceed As Planned
- G. Examples of DSMB Decisions